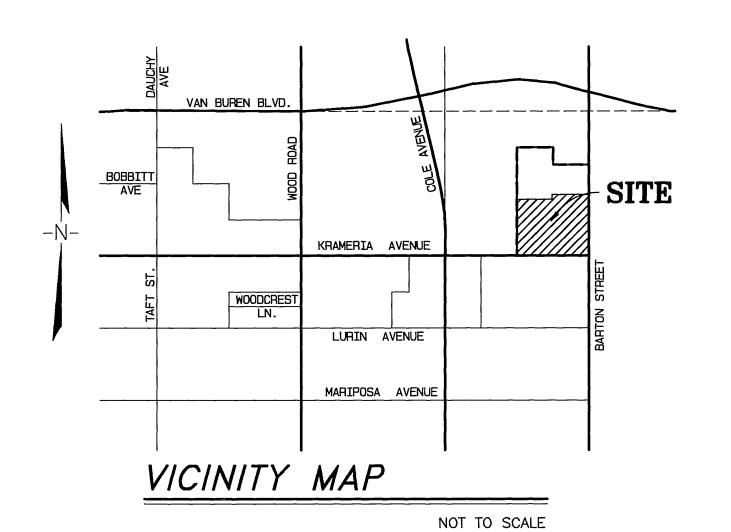
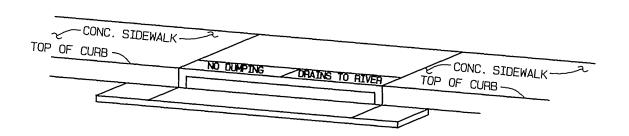


INDEX MAP

SCALE: 1'' = 200'

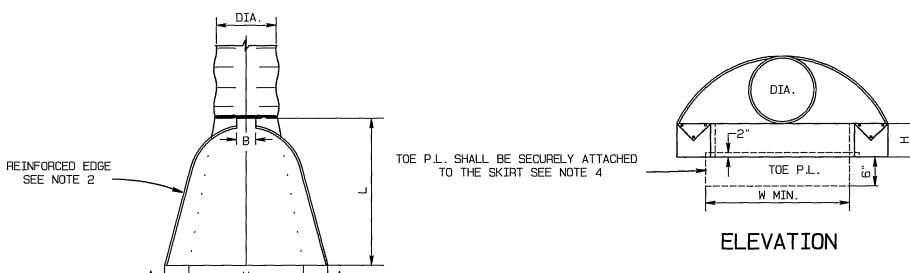
CONSTRUCTION NOTES	QUANTITIES
1) CONSTRUCT 18" RCP (D-2000)	13 LF
2) CONSTRUCT 24" RCP (D-2000)	84 LF
3 —— CONSTRUCT 36" RCP (D-1500)	4(LF
4 — CONSTRUCT CATCH BASIN PER CITY OF RIVERSIDE STD. DWG. NO. 405	2 EA
5 CONSTRUCT JUNCTION STRUCTURE B PER CITY OF RIVERSIDE STD. DWG	. NO. 421 1 EA
6 CONSTRUCT METAL FLARED END SECTION PER DETAIL ON SHEET 1	2 EA
7 — CONSTRUCT 36" DIA. CSP BASIN OUTLET PER DETAIL ON SHEET 2	1 EA
(8) CONSTRUCT MODIFIED MH AX PER CITY STD. 430. REPLACE MH FR E COVER W/ REMOVABLE GRATE PER DETAIL SHEET 2.	rame Ea

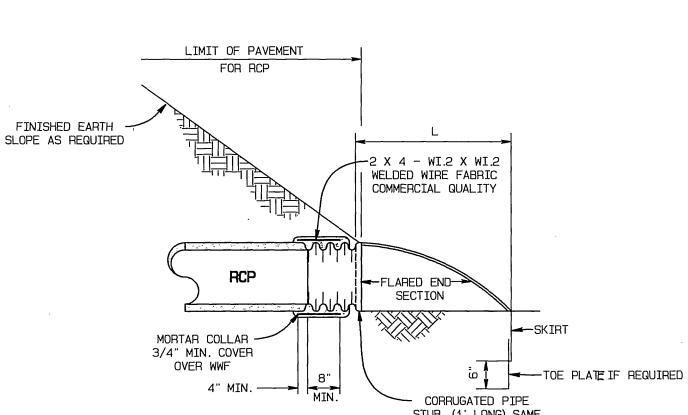




CATCH BASIN STENCILING DETAIL

- A STENCILS TO HAVE 2" LETTERS AS FOLLOWS: "NO DUMPING DRAINS TO RIVER"
- (B) PLACE BOTH STENCILS CENTERED WITHIN THE CATCH
- BASIN OPENING AND WITHIN THE TOP OF THE CURB. SPRAY BOTH STENCILS WITH WHITE PAINT. REMOVE STENCILS WHEN PAINT IS DRY





TYPICAL CROSS SECTION

PLAN

STUB (1' LONG) SAME THICKNESS AS FES

DIMENSION-INCHES PIPE A B H L W SECTION DIA. THICKNESS 1"± MAX 1"± 1 1/2"± 2"± 10 13 6 41 48 24"ø 0.064" 14 19 9 60 84 36"ø 0.079"

EQUIVALENT PLASTIC FES TO MEET AASHTO M-294 AND ASTM D-1248 SPECIFICATIONS

- 1. ALL 3-PIECE BODIES TO HAVE 0.109" THICK SIDES AND 0.138" THICK CENTER PANELS. WIDTH OF CENTER PANELS TO BE GREATER THAN 20% OF THE PIPE PERIPHERY. MULTIPLE PANEL BODIES TO HAVE LAP SEAMS WHICH ARE TO BE TIGHTLY JOINED BY RIVETS OR BOLTS.
- 2. REINFORCED EDGES TO BE SUPPLEMENTED WITH STIFFER ANGLES FOR THE 60" THRU 84" ROUND, 77" X 52" AND 83" X 57" PIPE-ARCH SIZES. THE ANGLES WILL BE 2" X 2" X 1/4" FOR THE 60" THRU 72" ROUND, 77" X 52" AND 83" X 57" PIPE-ARCH SIZES AND 2" X 2 1/2"
- 3. ANGLES REINFORCEMENT SHALL BE PLACED UNDER THE CENTER PANEL SEAMS
- ON THE 77" X 52" AND 83" X 57" PIPE-ARCH SIZES.
- 4. TOE PLATE TO BE AVAILABLE AS AN ACCESSARY WHEN SPECIFIED.
- 5. END OF PIPE TO BE FINISHED WITH ANNULAR CORRUGATIONS TO CONFORM FLARED END SECTION SO THAT MINIMAL LEAKAGE RESULTS FROM THE CONNECTION. OTHER DESIGNS MAY BE USED WITH APPROVAL OF THE
- 6. FOR 12" THRU 24" HELICAL END SECTION CONNECTION, A UNIVERSAL COUPLING BAND ATTACHED TO THE METAL END SECTION BY RIVETS, BOLTS OR ONE INCH LONG SHOP TACK WELDS SPACED AT SAME INTERVALS AS DIMPLES MAY BE USED IN PLACE OF THE 112" STUB

FLARED END SECTION **CONNECTION TO RCP**

NOT TO SCALE

GENERAL NOTES

- QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF RIVERSIDE DEPT. OF PUBLIC WORKS STANDARD DRAWINGS, ITS SUPPLEMENTAL NOTES AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT OF WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
- THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
- THE CONTRACTOR SHALL CALL IN A LOCATIONS REQUEST TO UNDERGROUND SERVICE ALERT (U.S.A.), PHONE NO. 1-800-227-2600, TWO WORKING DAYS BEFORE DIGGING. NO CONSTRUCTION PERMIT WILL BE ISSUED BY PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY U.S.A.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
- ALL EMBANKMENT FILL SHALL BE COMPACTED TO A MINIMUM OF 90% MAXIMUM DRY DENSITY AND SHALL BE OF AN APPROVED QUALITY.
- ANY TRAFFIC CONTROL STRIPING OBLITERATED AND /OR BADLY WORN DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR WITHIN FIVE DAYS AFTER NOTIFICATION FROM THE CITY INSPECTORS.
- NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHTS-OF-WAY OR EASEMENTS OF THE CITY OF RIVERSIDE WITHOUT A VALID CONSTRUCTION PERMIT OR A STREET OPENING PERMIT OR AN ENCROACHMENT PERMIT ISSUED BY THE CITY'S PUBLIC WORKS DEPARTMENT.
- 10 ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
- 11. BEFORE THE RIP-RAP AT THE OUTLET OF ANY DRAINAGE STRUCTURE IS ACCEPTED BY THE CITY, IT SHALL BE TESTED UNDER FLOWS AS CLOSE AS POSSIBLE TO DESIGN CONDITIONS WITH WATER OBTAINED FROM FIRE HYDRANTS IN THE IMMEDIATE AREA.

NOTICE TO CONTRACTOR

ACCORDING TO INFORMATION PROVIDED BY UNDERGROUND SERVICE ALERT (U.S.A.) DATED SEPTEMBER 2, 2003, THE FOLLOWING ORGANIZATIONS ARE U.S.A. MEMBERS WITHIN THE PROJECT AREA:

UTI FOR CHARTER COMMUNICATIONS SBC / PACIFIC BELL SOUTHERN CALIFORNIA GAS COMPANY UTI FOR VERIZON — PERRIS UTI FOR SC EDISON WESTERN MUNICIPAL WATER DISTRICT ADELPHIA - RIVERSIDE UTI FOR CITY OF RIVERSIDE - ELECTRIC CITY OF RIVERSIDE - TRAFFIC ENGINEERING MARCH JOINT POWERS AUTHORITY

THE EXISTENCE AND LOCATIONS OF ALL UNDERGROUND UTILITIES (UTILITY PIPES, STRUCTURES, ETC.) SHOWN ON THESE PLANS (MAIN LINES ONLY - NO SERVICE LATERALS) WERE ASCERTAINED BY A REVIEW OF RECORDS PROVIDED BY THESE MEMBER AGENCIES AND ARE APPROXIMATE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY FOR UTILITIES NOT SHOWN OR NOT IN THE LOCATION SHOWN.

THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEAS-URES TO PROTECT ALL UTILITIES SHOWN ON THESE PLANS AND/OR ANY OTHER UNDERGROUND UTILITIES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

CALL UNDERGROUND SERVICE ALERT (U.S.A.) 1-800-227-2600 AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATION.

THE QUANTITY ESTIMATE SHOWN HEREON IS FOR THE USE OF GOV-ERNING AGENCIES IN DETERMINING BOND AMOUNTS AND/OR FEES AND IS NOT TO BE USED FOR BID PURPOSES.

UNDERGROUND SERVICE ALERT CALL: TOLL FREE 1.800

REVIEW BY: WESTERN MUNICIPAL WATER DISTRICT FOR NON-INTERFERENCE COMPLIANCE SHEET ___ THROUGH _____

DATE: 1-21-04

BENCH MARK

ELEVATION: 1757.219

CITY OF RIVERSIDE BENCH MARK GPS-67

1-1/4" BRASS CAP IN A WELL MONUMENT, 5" DEEP IN THE CENTER OF BARTON STREET, 230 FEET SOUTHERLY OF THE INTERSECTION OF BARTON AND VAN BUREN BLVD.

20FESSION	
IN MCCAR	
ND, C49405 XP, 9-30-0	14 // //
OF CALIF	(RET)
OF CALIF	

CITY BUSINESS TAX CERTIFICATE	NO. 005751 EXP. 12
ALBERT A. WEBB ASSOCIATES ENGINEERING CONSULTANTS	CIVIL ENGINE 3788 McCRAY RIVERSIDE CA. 9 (909) 686-10
APPROVED BY . In CAPA05	DATE / EXP. DATE 9-
W.O. 03-160 FOR: SHEF	FIELD HOMES

CITY BUSINESS TAX CERTIFICATE NO. 005751 EXP. 12-31-04		
ALBERT A. WEBB ASSOCIATES ENGINEERING CONSULTANTS	(000) 000 1070	
APPROVED BY . In Off DATE /-/4-04 R.C.E. NO		
W.O. 03-160 FOR:	SHEFFIELD HOMES F.B.	

REVISIONS APPR. DATE DESIGNED BY: L.M. CHECKED BY: R.T. PLN CHK REF

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT BY DATE APPROVED BY APPROVED BY PRINCIPAL ENGINEER Ilm Berl PARK DEPARTMENT TRAFFIC DIVISION CITY ENGINEER STREET SERVICES DATE 6/22/04

STORM DRAIN PLAN & PROFILE TRACT NO. 31236-1

SCALE: AS SHOWN

LINE G, LINE A AND LAT. A-1

DRAWING NUMBER

PW03-0215

ACCOUNT NO.

